

7.000

2

4. The role of the potassium bromide content of the developer in reducing macroscopic faults - At 0.5% concentration of potassium bromide in the developer the number of faults is reduced by 60%.

of the silver bromide is reduced, as a result the time necessary for the reduction of the development time increases, the local fluctuations of the diffusion rate are increased, and the number of faults reduced. The

diffusion process between the developer and the developer solution. The rate of development is influenced to a great extent by the rate of diffusion which in turn depends on the rate of flow of the developer solution. Experiments show that by increasing the quantity of potassium bromide in the developer the reduction rate

12

TÖRÖK, TIBOR

4

~~Device for the transformation of blackening in spectro-  
graphic analysis. Tibor Török (E. Eötvös Univ., Buda-  
pest); Acta Chim. Acad. Sci. Hung. 8, 473-80 (1963) (in  
German) (English summary).--The principle and construc-  
tion are given of a nomographic device with sliding scales.  
Based upon the Seidel and partial-Seidel transformations,  
the device is capable of rapid computations of these trans-  
formations and of differences. It can be adapted easily for  
direct calcn. of concn.~~

W. S. Horton

TOROK, T.

Role of the potassium-bromide content of developers in reducing "macrodeficiencies."  
p. 191. (Magyar Kemiai Folyoirat, Budapest, Vol. 59, no. 6, June 1953)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. 6, June 1955, Uncl

**"APPROVED FOR RELEASE: 08/31/2001**

**CIA-RDP86-00513R001756320020-5**

**APPROVED FOR RELEASE: 08/31/2001**

**CIA-RDP86-00513R001756320020-5"**

TOROK, T  
Hungary/Optics - Optical Methods of Analysis. Instruments, K-7

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35876

Author: Torok, T., Szikora, G.

Institution: None

Title: Determination of the Carbon Content in Steels by a Spectral Method

Original  
Periodical: Acta techn. Acad. sci. hung., 1955, 13, No 1-2, 165-185; German;  
Russian, English, and French resumés

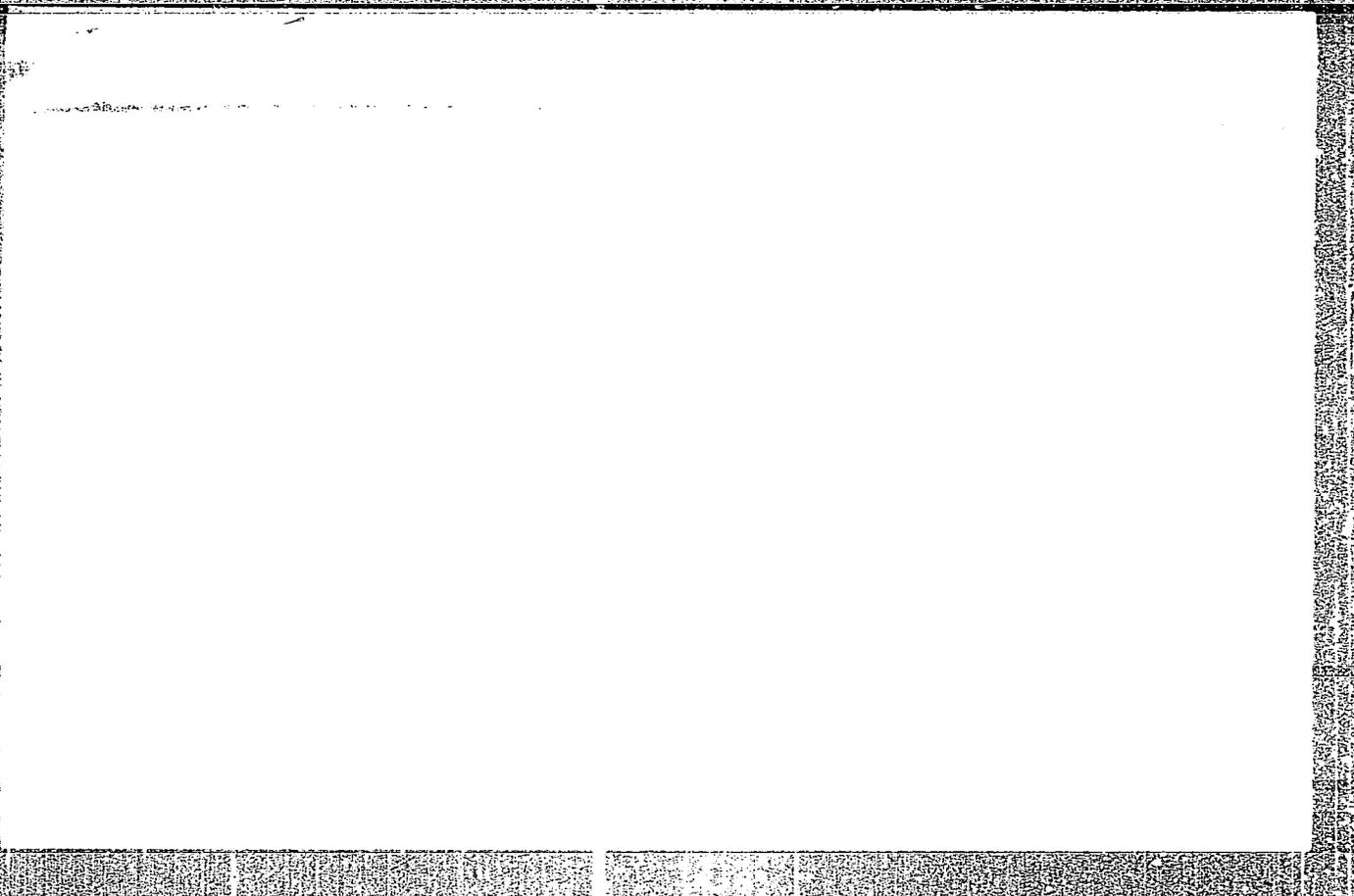
Abstract: Description of an installation to excite a spectrum in a carbon atmosphere. A detailed study was made of the excitation modes, of the width of the slit, of the photographic material, of the analytical pair of lines and the interfering line, the distances between the electrodes, the specimen temperature, and the accuracy of the analysis.

Card 1/1

TOROK, T.: SZIKORA, G

Determination of coal content of ore by spectrum analysis; also, remarks  
by b. Vorsatz and others. p. 287. VOL. 16, no. 2/4, 1955. Budapest  
Hungary, KOZIEMENYEI.

SOURCE: Monthly list of East European Accessions, (EEAL), LC, Vol. 5,  
No. 3, March, 1956



**"APPROVED FOR RELEASE: 08/31/2001**

**CIA-RDP86-00513R001756320020-5**

**APPROVED FOR RELEASE: 08/31/2001**

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TOROK, T.

"Low-voltage spark generator for spectrographic analysis. In English." Acta Technica, Budapest, Vol. 6, No. 3/4, 1953, p. 429.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

TOROK, T.

SZEKERES, L.; FALLER, J.; TOROK, T.

Energy-rich phosphorus compounds of the heart muscle during hypothermia. Acta physiol. hung. Suppl. no.6:99-100 1954.

1. Pharmakologisches Institut der Medizinischen Universität, Pecs.

(ADENYLPHOSPHATE, metab.

myocardium, eff. of hypothermia in rats)

(BODY TEMPERATURE

hypothermia, exper., eff. on ATP & phosphocreatine metab. in rat myocardium)

(COENZYMES

phosphocreatine, metab. in rat myocardium, eff. of hypothermia)

(MYOCARDIUM, metab.

ATP & phosphocreatine, eff. of hypothermia in rats)

T. TOROK

"Determination of traces of zinc in aluminum by spectorgraphy." p. 347  
(ACTA CHIMICA ACADEMIAE SCIENTIARUM HUNGARICAE, Vol. 2, no. 4, 1952,  
Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2 No.7, July 1953, Uncl.



**"APPROVED FOR RELEASE: 08/31/2001**

**CIA-RDP86-00513R001756320020-5**

**APPROVED FOR RELEASE: 08/31/2001**

**CIA-RDP86-00513R001756320020-5"**

TOROK, Tibor, dr. (Budapest VIII., Muzeum korut 4/b); ZIMMER, Karoly, dr.  
(Budapest VIII., Muzeum korut 4/b)

Data on the dependence on wave lengths of the  $\chi$ -constant of P-trans-  
formation. Acta chimica Hung 29 no.3:273-281 '61.

1. Institut fur Anorganische und Analytische Chemie der L. Eotvos  
Univeritatat.

(Waves) (Transformations(Mathematics))

TOROK, TIBOR

*nyom*

Determination of traces of copper in penicillin nutrients by spectroscopy of liquid. Tibor Torok and Ottó Szakács (Eötvös-Univ., Budapest). *Magyar Kém. Folyóirat* 59, 203-5(1953).—Org. matter of the samples was destroyed by digestion with a 2:3 mixt. of concd. H<sub>2</sub>SO<sub>4</sub> and 30% H<sub>2</sub>O<sub>2</sub>. The addn. of reagents was repeated until the liquid remained colorless. The total metallic contamination of a 50-100 ml. sample could be concd. into 5 ml. Some CoCl<sub>2</sub> soln. was added as an internal standard. The lines Cu 3247.5/Co 3283.5 and Cu 3274.0/Co 3283.5 were used. István Finály

*C.A. V-48*  
*Jan 18 1954*  
*Methods &*  
*Apparatus*

ZIMMER, Karoly, a kémiai tudományok kandidátusa (Budapest); TOROK, Tibor,  
a kémiai tudományok doktora (Budapest)

Data on the sparking-off effect. X, Kem tud kozl MTA 14, no.3:  
251-259 '60. (EEAI 10:9)

1. Az Eotvos Lorand Tudományegyetem Szervetlen és Analitikai Kémiai  
Tanszeke, Budapest, and Csepel Vas- és Féművek Anyagvizsgáló  
Osztalya, Budapest.

(Electric spark) (Aluminum) (Magnesium)  
(Electrodes)

ZIMMER, Karoly, dr. (Budapest VIII Muzeum Korut 4b); TOROK, Tibor, dr.  
Budapest VIII Muzeum Korut 4b)

Data on the determination of the transformation constant Acta  
chimica Hung 28 no.1/3:59-64 '61. (EKAI 10:9)

1. Institut fur Anorganische und Analytische Chemie der L. Eotvos  
Universitat, Budapest.

(Spectrum analysis) (Filters and filtration)  
(Transformations(Mathematics))

TOROK, Tibor; SZAKACS, Otto; SZABO, Zoltan Laszlo

Investigations in the field of spectrum analysis with rotated blast furnace aluminum models. Magyar Folyoir 66 no.12:487-490 D '60.

1. Eotvos Lorand Tudományegyetem Szervetlen és Analitikai Kémiai Intézete, Budapest.

TOROK, Tibor; ZIMMER, Karoly

Wave length relationship of the  $\chi$  constant of P-transformation.  
Magy kem folyoir 66 no.12:477-480 D '60.

1. Eotvos Lorand Tudomayegyetem Szervetlen esAnalitikai Kemiai  
Intezete, Budapest.

TOROK, Tibor; ZENTAI, Peter

Blackening relations of the  $\chi$  constant of P-transformation. Magyar kémiai folyoir. 66. no.12:480-482 D '60.

1. Eotvos Lorand Tudományegyetem Szervetlen és Analitikai Kémiai Intézete, Budapest.

SOTEK, Tibor; VILKOS, Feroz

New results in the application of re-transformation. *Magy. Kém. Folyoir*  
79 no.8:355-361 (1964).

1. Chair of Inorganic and Analytical Chemistry of the Lorand Eotvos  
University, Budapest.

TOROK, Tibor

Basic principles of modern spectrometric analysis. *Magy*  
kem folyoir 70 no.12:531-536 D '64.

1. Chair of Inorganic and Analytic Chemistry of the Lorand  
Eotvos University, Budapest.

TOROK, Vojtech

Medicine and national election. Lek. obzor 3 no.3-4:129-132 1954.  
(MEDICINE,  
\*in Czech.)

TOHOK Z.; WÄHLNER A.

Dimensions suitable for a uniform representation of the concentration of mine gases. p. 739.

BANYASZATI LOPAK. (MAGYAR Banyaszati es Kohaszati Egyesulet) Budapest. (Journal on prospecting and mining issued by the Hungarian Mining and Metallurgic Society. Includes a supplement; KOOLAJ, on crude oil production. Monthly) Vol. 14, no. 11, Nov. 1959.

Monthly list of East European Accession (EEA I) LC, Vol. ~~XXXXXX~~ 9, no. 2, Feb. 1960.

Uncl.

331 876 : 022 27

16

4. *Three face or group mining work*, by Z. Török. ("Többtermelés" -- Industrial Organization -- Vol. IV, No. 6, pp. 33-34, June, 1950.)

The article deals with a new mining method introduced in pit No. X at the Tatabánya mine. By organizing the workers into teams the individual as well as the total output was considerably boosted. The old established system of hand working was replaced by a new system of team work; each team is composed of seven men, the team is split up into three work gangs, each gang works different faces at a certain distance from each other. The first gang of two men drive the entry and work the upper bench, when this job is completed they move on to the next face to perform the same operation. The second gang consists of two hauliers who do the loading and trucking of the coal mined by the first gang. Then the third gang, a miner and two hauliers, complete the work at the first face. This newly organized method of work resulted in an approx. 30 per cent increase in output. It was also reflected in a noticeable increase in the wages of the miners. The respective data are shown in tables.

ASB-SLA METALLURGICAL LITES  
SECTION

TOROK, Z.

Proposal for improving the classification and research method  
of pyroclastics. Acta geol Hung 7 no.3/4:351-357 '62.

TOROK, Z.

"Report on the 6th evaluation meeting of the Mining Silicosis Committee held December 18-19, 1958 at the Pecs Coal Mining Trust." p. 317.

BANYASZATI LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet). Budapest, Hungary, Vol. 12, No. 13, July 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.  
Uncla.

TOROK, Zoltan

An account of the November 10, 1959 session arranged by the  
Committee on Mining Silicosis. Bany lap 93 no.1:39-40 Ja '60.

TOROKAR, Ya.Kh., inzh.; VULIKHMAN, V.A., inzh.

New technology and automation of kitchen salt production. Khar.  
prom. no.3:74-76 JI-S '62. (MIRA 15:8)

1. Dipromom.  
(Salt industry) (Automatic control)

DOBRUSHIN, David Solomonovich; TOROKHOV, Boris Mikhaylovich, inzh.;  
TARASOV, B.A., red.; ~~IZHOLDINA, S.I., tekhn. red.~~

[Guardsmen of cavalry corps] Konnogvardeitsy. Volgograd,  
Volgogradskoe knizhnoe izd-vo, 1963. 187 p. (MIRA 16:9)  
(Russia--Army--Cavalry) (World War, 1939-1945)

TOROKHOV, V., Col

Coauthor with Lt Col Ye. MATIY\* of article, "Combating Airborne Landings," commenting on articles which appeared in the US military press. *Voyennaya Mysl'*, Moscow, No 11, Nov 53

SO: SUM 291, 2 Dec 1954

KURKUDYM, F.Ye., dots., otv. red.; KARAYEV, R.G., st.nauchn.  
sotr., red.; TOROKHTIN, M.D., red.; TURKEL'TAUB, M.S.,  
doktor med. nauk, red.; SHPIL'BERG, G.I., st. nauchn.  
sotr., kand. med. nauk, red.;MAKSIMENKO, L.M., red.

[Problems in the development of mineral water health  
resorts] Voprosy razvitiia kurortov s mineral'nymi vodami.  
Uzhgorod, Zakarpatskoe onl. knizhno-gazetnoe izd-vo, 1962.  
199 p. (MIRA 18:1)

1. Direktor Ukrainskogo nauchno-issledovatel'skogo insti-  
tuta kurortologii i fizioterapii (for Kurkudym). 2. Nachal'-  
nik Zakarpatskogo kurortnogo upravleniya profsoyuzov (for  
Torokhtin).

TOROKHTIN, M.D.

Mineral waters and the development of a sanatorium and health resort network in Transcarpathia. Sbor. nauch. rab. vrach. san.-kur. uchr. profsciuzov no.1:7-12 '64.

(MIRA 18:10)

1. Predsedatel' Zakarpatskego soveta po upravleniyu kurortami professional'nykh soyuzov.

TOROKHTUN, I.M.

"The Growth and Windbreak Effect of Forest Belts with and Without  
Shrubs in the Southeastern Part of Ukrainian SSR";

disertation for the degree of Candidate of Agricultural Sciences  
(awarded by the Timiryazev Agricultural Academy, 1962)

(Izvestiya Timiryazevskoy Sel'skokhozyaystvennoy Akademii, Moscow, No. 2,  
1963, pp 232-236)

TOROKOVA, A.

Free tendon grafts in primary repair of injury to the flexor tendons of the hand in the area of the fibrous sheath. Acta chir.plast. 2 no.3:207-215 '60.

I. Clinic of Plastic Surgery, Medical Faculty, Comenius University,  
Bratislava (Czechoslovakia), Director: Doc. S. Demjen, M.D.  
(HAND wds & inj)  
(TENDONS transpl)

TOROKOVA, A.

*Free transplantation of the tendon during primary management of injuries of the flexor tendons of the hand in the region of the fibrous sheath. Acta chir. orthop. traum. oech. 26 no.4:290-297 Aug 59.*

1. Klinika plastickej chirurgie LFUK v Bratislave, prednosta doc.  
dr. Stefan Demjen.  
(HAND, wds & inj.)

TOROKOVA, A.

The question of the aetiology of trigger thumb. Acta chir. plast.  
5 no.2:164-167 '63.

1. Clinic of Plastic Surgery, Medical Faculty, Comenius University,  
Bratislava (Czechoslovakia) Director: S. Demjen, M.D.  
(HAND DEFORMITIES) (THUMB) (GENETICS, HUMAN)

† ТОРКХОВА, Т.М.

Category : USSR/Solid State Physics - Structural Crystallography

E-3

Abs Jour : Ref Zhur - Fizika, No 2, 1957 No 3698

Author : Belov, N.V., Torkhova, T.N.

Title : Nomographic Method of Computing Structural Factors

Orig Pub : Kristallografiya, 1956, 1, No 2, 235-238

Abstract : No abstract

Card : 1/1

*TOROKHTIN M.D.*

TURKEL'TAUB, M.S., prof.; KISHKO, A.M., kand.med.nauk; TOROKHTIN, M.D.

Regional cerebral hypertension. Vrach.delo no.2:201 P '58.  
(MIRA 11:3)

1. Kafedra propedeutiki vnutrennikh bolezney (zav.-prof. M.S.  
Turkel'taub) meditsinskogo fakul'teta Uzhgorodskogo universiteta.  
(HYPERTENSION) (BRAIN--DISEASES)

BORISIKHINA, V.I.; TOROKIN, A.N.

Determination of the thickness of protective layers in emulsions.  
Trudy Ural.politekh.inst. no,96:101-108 '60. (MIRA 14:3)  
(Emulsions)

TAROL, M.

1. ...
2. ...
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6. ...
7. ...
8. ...
9. ...

1/3

9. Major District of Intelligence (see to be added in 1961 in connection with the reorganization of the Intelligence Agency) (see also the report of the Intelligence Agency dated 1/27/61).
10. Major District of Intelligence (see to be added in 1961 in connection with the reorganization of the Intelligence Agency) (see also the report of the Intelligence Agency dated 1/27/61).
11. Major District of Intelligence (see to be added in 1961 in connection with the reorganization of the Intelligence Agency) (see also the report of the Intelligence Agency dated 1/27/61).
12. Major District of Intelligence (see to be added in 1961 in connection with the reorganization of the Intelligence Agency) (see also the report of the Intelligence Agency dated 1/27/61).
13. Major District of Intelligence (see to be added in 1961 in connection with the reorganization of the Intelligence Agency) (see also the report of the Intelligence Agency dated 1/27/61).
14. Major District of Intelligence (see to be added in 1961 in connection with the reorganization of the Intelligence Agency) (see also the report of the Intelligence Agency dated 1/27/61).
15. Major District of Intelligence (see to be added in 1961 in connection with the reorganization of the Intelligence Agency) (see also the report of the Intelligence Agency dated 1/27/61).
16. Major District of Intelligence (see to be added in 1961 in connection with the reorganization of the Intelligence Agency) (see also the report of the Intelligence Agency dated 1/27/61).
17. Major District of Intelligence (see to be added in 1961 in connection with the reorganization of the Intelligence Agency) (see also the report of the Intelligence Agency dated 1/27/61).

TOROLOV, N. A. i ALEKSANDROVA, N. P.

26421 Vyazhushchive svoystva v sistemakh obrazuyushchikh tverdye rastvory.  
Sbornik nauch. Rabot po vyazhushchim materialam. m., 1949, s. 62-66.

SO: LETOPIS' NO. 35, 1949

TORMA, N.

Formation of surface scale from the effect of flames containing hydrocarbons in manufacturing steel pipe. p. 105.  
KOHASZATI LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet) Budapest.  
Vol. 11, No. 3, Mar. 1956.

SOURCE: EEAL, Vol. 5, No. 7, July 1956.

1ST AND 2ND GROUPS PROCESSES AND PROPERTIES INDEX

BC

B1  
10

Hydraulic activity of granulated (blast-furnace) slags. N. A. Torokov and B. V. Volkonskij (C. R. Acad. Sci., U.R.S.S., 1949; 85: 377).—An experimental study has been made of the influence of the vitreous components of blast-furnace slags on the hydraulic binding properties of slag-cement with a comparison of the behaviour of different slags with vitreous and crystal structure. Although it has been universally accepted that the quickly-cooled slag in the vitreous state has a greater content of thermal energy and therefore reacts more strongly and has a greater hydraulic activity, preliminary experiments have shown that there are cases where a slowly-cooled slag appears more active. To exclude the influence of secondary admixtures, usually present in technical slags, the experiments were carried out in synthetic slags melted in a Tammag furnace from mixtures of  $\text{CaCO}_3$ ,  $\text{SiO}_2$ , and  $\text{Al}_2\text{O}_3$ . The slags after complete melting, were quickly cooled by granulation in water. The grains were microscopically examined for the % of vitreous phase and afterwards submitted to a further isothermal treatment in a muffle furnace for optimal crystallisation. Both the crude, original not annealed, and the crystallised material were examined by thermal analysis and determination of heats of formation.

H. TAUBER.

ASB-51.A METALLURGICAL LITERATURE CLASSIFICATION

REGION DIVISION

SECTION

GROUP

1ST AND 2ND GROUPS

3RD AND 4TH GROUPS

5TH AND 6TH GROUPS

7TH AND 8TH GROUPS

9TH AND 10TH GROUPS

11TH AND 12TH GROUPS

13TH AND 14TH GROUPS

15TH AND 16TH GROUPS

17TH AND 18TH GROUPS

19TH AND 20TH GROUPS

21ST AND 22ND GROUPS

23RD AND 24TH GROUPS

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29TH AND 30TH GROUPS

31ST AND 32ND GROUPS

33RD AND 34TH GROUPS

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37TH AND 38TH GROUPS

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81ST AND 82ND GROUPS

83RD AND 84TH GROUPS

85TH AND 86TH GROUPS

87TH AND 88TH GROUPS

89TH AND 90TH GROUPS

91ST AND 92ND GROUPS

93RD AND 94TH GROUPS

95TH AND 96TH GROUPS

97TH AND 98TH GROUPS

99TH AND 100TH GROUPS

TOROMANOV, T.

Reporting expenditures on cooperative farms. p.29.  
KOOOPERATIVNO ZEMEDELIE, Sofiya, Vol. 11, no. 2, Feb. 1956.

SO: Monthly List of East European Accessions, (EEAK), LC, Vol. 5, No. 6 June 1956, Uncl.

TORON, Mieczyslaw, dr inz.

Generating equipment most usefully selected and arranged in  
power producing systems. Energetyka Pol 17 no.11:334-340  
N '63.

TORON, Mieczyslaw, dr inz.

Problem of economic planning of capital repairs of basic  
production installations in electric power systems. Energetyka  
Pol 18 no.12:365-370 D '64.

TORON, Mieczyslaw, mgr inz

Planning of system voltages with regard to economic reactive load  
dispatching. Energetyka Pol 14 no.9:272-275 S '60. (EEAI 10:1)

- 1. Zaklady Energetyczne Okregu Poludniowego, Okregowa Dyspozycja  
Mocy.  
(Electric power)

TORON, Tadeusz

The Mazurian pine: its stand structure and process of growing. Sylwan  
56 no.1:47-58 Ja-F '62.

*TORONDY*  
BARTA, Imre, Dr.; GYENEI, Ivan, Dr.; TORONDY, Jozsef, Dr.

Morphology and clinical manifestations of lymphocytosis. Magy. belorv.  
arch. 11 no.1:4-9 Feb 58.

1. A Mohacsi Varosi Korhaz (igazgato foorvos: Barta, Imre dr.) kozlemenye.  
(LYMPHOCTYTOSIS  
morphol. & clino. manifest. (Hun))

TORONDZHADZE, A.

19769 Torondzhadze, A. Izmeneniya blazka: s bstvenno e dviz'aniye. Dni yzgni. Pere en. Zvezdy, T. VI, No 6, 1949 S. 328-30 -- Bibliogr: 6NAZV.

SO: LETOPIS' ZHURNAL STATEY, Vol. 27, Moska 1949

TORONDZHADZE, A.F.

174T2

USSR/Astronomy - Star Clusters Associations, Stellar 21 Sep 50

PA 174T2

"Peculiarities of the Motion of Stars Belonging to Spectral Classes O and V and the Expansion of Stellar Clusters," A. F. Torondzhadze, Abastuman Astrophys Obs, Acad Sci Georgian SSR

"Dok Ak Nauk SSSR" Vol LXXIV, No 3, pp 441-443

O-associations are formed in spirals and stars at moment their formation acquire definite initial velocities and are thrown out of association, in consequence of which association rapidly break up, according to V. A. Ambartsumyan and B. Ye. Markaryan ("Soobshch

174T2

USSR/Astronomy - Star Clusters (Contd) 21 Sep 50

Byuransk Astr Obs, " Vol II, 1949). Calc herein age T of O-V star complexes to be 30 million years and velocity of ejection of stars to equal 15 km/sec. Submitted 27 May 50 by Acad. G. A. Shayan.

Cand. Physico-Mathematical Sci.

TORONDZHIDSE, A. F.

"Peculiarities of the Movements of Stars of Spectral Class O and V and Extension of Star Associations." Sub 5 Apr 51, Moscow Order of Lenin State University N. V. Lomonosov.

Dissertation presented for science and engineering degree in Moscow during 1951.

CC: Sum. No. 460, 9 May 55.

1. TORONDZHADZE, A. F.
2. USSR (600)
4. Eclipses, Solar - 1952
7. Brief reports from expeditions for observing the total solar eclipse of February 25, 1952. Astron. Tsir. no. 126, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Uncla sified.

TORONDZHADZE, A. F.

"Peculiarities of Star Motion of O and B spectral Type and Expansion of Stellar Associations," Byul. Abastumansk. astrofiz. observ. No 15, pp 115-167, 1953

Kinematics of systems of bright O and B stars are reviewed and conclusion is made that these stars originate from expansion and dissociation of stellar associations located in galactic spiral branches. Assuming that the galaxy is stationary and symmetrical with respect to the equatorial plane, differential equations of stellar orbits, assumed circular and stable, are derived. (RZhAstr, No 7, 1955)

Sum. No. 681, 7 Oct 55

TORONDZHADZE, A.

Observations of Harrington's comet 1952e. Astron. tsir. no.137:4 Ap '53.  
(MLRA 6:8)

1. Abastumanskaya astrofizicheskaya observatoriya (Gora Kanobili).  
(Cometr-1952)

SVANIDZE, G.G.; TORONDZHADZE, A.F.

Calculation of the capacity of a regulatory reservoir over a  
period of years using functional equations. Trudy Inst. energ.  
AN Gruz. SSR 17:39-50 '63. (MIRA 17:7)

TORONDZHADZE, H.A.

KOCHLASHVILI, T.A.; TORONDZHADZE, A.F.

Photographic observations of minor planets and comets. Biul.  
Abast.astrofiz.obser. no.17:75-87 '54. (MLBA 8:10)  
(Planets, Minor) (Comets)

KOCHLASHVILI, T.A.; TORONDZHADZE, A.F.

Method for determining the plane of symmetry of absorbing matter and the problem of  $\beta$  as a function of  $Z$  in the absorption formula. Astron.zhur. 31 no.4:387-393 J1-Ag '54. (MIRA 7:8)

1. Abastumanskaya astrofizicheskaya observatoriya Akademii nauk Gruzinskoy SSR.  
(Absorption of light)

*TORONDZHADZE, A.F.*

TORONDZHADZE, A.F.

Brief report of expeditions set up to observe the total solar eclipse of June 30, 1954; Abastumani Astrophysics Observatory of the Academy of Sciences of the Georgian S.S.R. Astron. tsir. no.151:12-13 J1 '54. (MIRA 8:3)

1. Uchenyy sekretar' Abastumanskoy Observatorii.  
(Eclipses, Solar--1954)

TORONDZHADZE, A.F.; KOCHLASHVILI, T.A.

Determining the plane of symmetry for absorbing matter  
in the Galaxy using interstellar absorption observations.  
Bul. Abast. astrofiz. obser. no.20:41-43 '56. (MLRA 9:12)

(Interstellar matter) (Milky Way)  
(Absorption of light)

TORONDZHADZE, A. F.

Problems in the kinematics of the local star cloud [with  
summary in English]. Biul. Abast. astrofiz. obser. no.20:  
45-53 '56. (MLRA 9:12)

(Milky Way) (Stars--Proper motion)

TORONDZHADZE, A.F.

Investigating the function of distribution of velocities of stars using the analysis of proper motion components [with summary in English]. Biul. Abast. astrofiz. obser. no.20: 55-64 '56.

(MLRA 9:12)

(Stars--Proper motion)

TORONDZHADZE, A.F.

The factor for converting selective to total absorption as a function  
of color excess. *Astron. Sirk.no.167:11-12 F '56.* (MLRA 9:9)

1. Abastumanskaya astrofizicheskaya observatoriya na gore Kanobili.  
(Absorption of light)

TORONDZHADZE, A.F.

Effect of the discrete structure of the absorbing layer and incidental errors of measurement in studying cosmic absorption by stellar color excesses. Soob. AN Gruz. SSR 20 no. 2:161-166 F '58. (MIRA 11:7)

1. Abastumanskaya astrofizicheskaya observatoriya. Predstavleno akademikom Ye. K. Kharadze.

(Interstellar matter)  
(Absorption of light)

TORONDZHADZE, A.F.

Evaluating the effect of the discrete structure of the absorbing layer and incidental errors of measurement in studying cosmic absorption by stellar color excesses. Soob. AN Gruz. SSSR 21 no.1:37-42 J1 '58. (MIRA 11:10)

1. AN GruzSSR, Abastumanskaya astrofizicheskaya observatoriya. Predstavleno akademikom Ya.K. Kharadze. (Interstellar matter)

TORONDZHADZE, A.F.

Magnitude of neutral absorption in our Galaxy. Soob. AN Gruz. SSR  
21 no.4:417-420 0 '58. (MIRA 12:4)

1. AN GruzSSR, Abastumanskaya astrofizicheskaya observatoriya.  
Predstavleno akademikom Ye.K. Kharadze.  
(Interstellar matter)

~~TORONDZHADZM, A.F.~~

Investigating the relationship between the color excess and the factor for selective absorption to total absorption [with summary in English]. Astron. zhur. 35 no.1:71-81 Ja-F '58. (MIRA 11:3)

1. Abastumanskaya astrofizicheskaya observatoriya.  
(Absorption of light)

SOV/33-35-4-4/25

3(1)

AUTHOR:

Torondzhadze, A.F.

TITLE:

An Investigation of the Dependence Between the Colour Excess and the Factor for Transferring Selective Absorption Into Total Absorption II (Issledovaniye zavisimosti ot izbytki tsveta mnozhitelya, perevodyashchego izbiratel'noye pogloshcheniye v polnoye II)

PERIODICAL: Astronomicheskii zhurnal, 1958, Vol 35, Nr 4, pp 548-556(USSR)

ABSTRACT: The author uses the results of the first part of the present paper in order to describe the character of the cosmic absorption in relatively large distances. Let CE be the colour excess,  $m = m_{pg}$  the observed magnitude of a star,  $y = m - M - 10$ ,

$l = y - 5 \lg CE$ ,  $\Delta a = \Delta a(CE)$  the variable coefficient of selective absorption,  $\Delta a_0 = \lim_{r \rightarrow 0} \Delta a$ ,  $\Delta a_m = \lim_{r \rightarrow \infty} \Delta a$ ,  $t = \Delta a_m / \Delta a_0$ ,

$R(CE) = (1 + d CE) / (1 + dt CE)$ ,  $d$  parameter,  $a$  the variable coefficient of the total absorption,  $\gamma = a / \Delta a$ . For large CE then it holds:

$$(1) \quad l = -5 \lg \Delta a_0 + 5 \lg R(CE) + \gamma CE$$

Card 1/2

An Investigation of the Dependence Between the Colour Excess and the Factor for Transferring Selective Absorption Into Total Absorption II SOV/33-35-4-4/25

The determination of the numerical values of the occurring parameters (d etc) is carried out by means of the results of Ye.K.Kharadze [Ref 4] on the colour of A stars in 5 Kapteyn areas (KA Nr 8,9,19,24,40). An investigation of the regression curves shows that (1) describes the results of observation well for variable  $\gamma$ . The results of a calculation of  $r, \gamma, \gamma_{CE}$  etc are summarized in a table. There are 2 figures, 2 tables, and 14 references, 9 of which are Soviet, and 5 American.

ASSOCIATION: Abastumanskaya astrofizicheskaya observatoriya (Abastumani Astrophysical Observatory)

SUBMITTED: September 17, 1957

Card 2/2

3(1)

SOV/33-35-6-4/18

AUTHOR:

Torondzhadze, A.F.

TITLE:

The Determination of the Constant Parameters in the Dependence Coefficient of Cosmic Absorption on the Wavelength

PERIODICAL:

Astronomicheskiy zhurnal, 1958, Vol 35, Nr 6,  
pp 848 - 857 (USSR)

ABSTRACT:

The author discusses the possibilities for the determination of the parameter  $\alpha$  in the formula for the absorption coefficient

$$(1) \quad K(\lambda) = C_0 + \frac{C_1}{\lambda \alpha}$$

Here  $\alpha$  may depend on  $\lambda$ . Under this assumption it is possible to satisfy the observational data by several quite different choices of  $\alpha$ . The author derives a differential equation which should be satisfied by the function  $\alpha(\lambda)$ . He applies the data of A.E. Whitford [Ref 4] and of L. Divan [Ref 6] for two different calculations of  $\alpha(\lambda)$ . The results are re-

Card 1/2

The Determination of the Constant Parameters in SOV/33-35-6-4/18  
the Dependence Coefficient of Cosmic Absorption on the Wavelength

presented in several tables and in a comparing diagram.

There are 1 figure, 6 tables, and 6 references, 4 of which  
are Soviet, 1 American, and 1 English.

ASSOCIATION: Abastumanskaya astrofizicheskaya observatoriya (Abastumani  
Astrophysical Observatory)

SUBMITTED: March 30, 1957

Card 2/2

TORONDZHADZE, A.T.

Corrected values for the degree of absorption in 43 Kapteyn  
areas. Soob.AN Gruz.SSR 22 no.1:41-45 Ja '59.

(MIRA 12:5)

1. AN GruzSSR, Abastumanskaya astrofizicheskaya observatoriya.  
Predstavleno akademikom Ye.K.Kharadze.  
(Interstellar matter)  
(Absorption of light)

SVANIDZE, Givi Gedeonovich, doktor tekhn. nauk; KARTVELISHVILI,  
N.A., red.; TORONZHADZE, A.F., red.

[Principles of calculating streamflow regulation by the  
Monte Carlo method] Osnovy rascheta regulirovaniya rechno-  
nogo stoka metodom Monte-Karlo. Tbilisi, izd-vo "Metsnareba"  
1964. 271 p. (IRA 12:3)

TORONDZHADZE, A.F.

Determination of unknown parameters based on the processing of  
measuring results. Trudy Vych.tsentra AN Gruz.SSR 2:257-281  
'62. (MIRA 16:1)

(Errors, Theory of) (Mathematical statistics)

TORONOVA, I. N.

PHASE I BOOK EXCERPTATION SCI-1963

Method polucheniya i izmereniya radioaktivnykh preparatov; sbornik staty (Methods for the Production and Measurement of Radioactive Preparations); Collection of Articles. Moscow, Atomizdat, 1960. 307 p. Errata slip inserted. 9,000 copies printed.

General Ed.: Valeriy Viktorovich Bockharov; Ed.: M.A. Sagarov; Tech. Ed.: N.A. Ylasona.

PURPOSE: This collection of articles is intended for scientific and technical personnel working in the production of radioactive isotopes.

COVERAGE: The collection contains original studies on methods of obtaining and measuring radioactive preparations. According to the foreword, the articles contain new data on the theory of theoretical or practical interest to the extent that they discuss methods or give process information. Attention is drawn to the production of radioactive isotopes from neutron-irradiated preparations, including active isotopes and free isotopes and several chemical and other therapeutic preparations. Also discussed are methods for preparing a number of carrier-free isotopes.

In a number of tagged organic compounds, problems in the analysis of tagged organic compounds, the absolute and relative measurement of activity, and the radiometric analysis of preparations. New instruments and equipment and techniques are included. V.I. Lavrin, Candidate of Chemical Sciences, Y.P. Shubakov, Candidate of Technical Sciences, I.N. Bokharov, Candidate of Biological Sciences, and V.I. Shostak, Candidate of Chemical Sciences, are mentioned as having helped directly in the selection and preparation of the material for publication. References accompany each article.

TABLE OF CONTENTS:

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<u>Lavrin, V.I., and M.K. Goluyeva.</u> Production of As <sup>77</sup> Without Carriers from Neutron-Irradiated Germanium	64
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Card 4/8

TORONYI, Agnes

Highway traffic accidents in 1961. Stat szemle 41 no.1:  
72-80\_Ja '63.

1. Fovarosi Divataru Kiskereskedelmi Vallalat uzemgazdasza.

TORONI, B.

"New Method for Determining the Specific Surface", p. 121, (FITOMYAG, Vol. 6, No. 4, April 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions (EMAL), IC, Vol. 4, No. 3, March 1955, Uncl.

L 18758-63

RM/WW/MAY

ACCESSION NR: AP3005762

EPR/EWP(j)/EFF(c)/BDS

AFFTC/ASD Ps-4/Pc-4/Pr-4  
G/0004/63/010/007/0402/0404

(H)

75  
72

AUTHOR: Nagy, J.; Borbely-Kuszmán, Anna; Toronyi, M.

TITLE: Preparation of silicone rubber with reactive hydroxyl and groups of dimethyldiethoxysilane (Paper presented at the II. Dresden Symposium for Organic and Non-Silicate Silicon Chemistry, held from 26 to 30 March 1963)

SOURCE: Plaste und Kautschuk, v. 10, no. 7, 1963, 402-404

TOPIC TAGS: silicone rubber, dimethyldiethoxysilane, vulcanization

ABSTRACT: A new method for synthesis of dimethylpolysiloxane- $\alpha, \omega$ -diol (DMPS) used as base material for silicone rubber is described. The results of qualitative and quantitative investigations of the accelerators and vulcanizing agents used in vulcanization are reported. Dimethyldiethoxysilane was used in preparing DMPS, with an average molecular weight of 31960. The raw product was purified by means of tetramethylammonium silicate. Alkyl tin halogenides were used as base material for the alkylazoxy- or alkylalkoxy- tin compounds used as accelerators. The vulcanization time is considerably influenced by the chain length of the azoxy radical as shown in Table 1 of Enclosure 1. In addition to the

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L 18758-63  
ACCESSION NR: AP3005762

3

quality or quantity of accelerator and vulcanizing agent, the vulcanization time is also temperature dependent as shown in Figure 1 of Enclosure 1. An increase in vulcanizing-agent and accelerator concentration shortens the vulcanization time. The greatest effectiveness of the difunctional compounds was confirmed by investigation of the butylethoxy tin accelerator. "We thank Professor Dr. J. Prosz for his interest in our work and the Balatonfuzfoe Nitrochemical Works for the base material." Orig. art. has: 5 figures and 4 tables.

ASSOCIATION: Institut fur Anorganische Chemie der Technischen Universitat, Budapest (Institute for Inorganic Chemistry of the Budapest Technical University)

SUBMITTED: OO

DATE ACQ: 14 Aug 63

ENCL: 02

SUB CODE: GH

NO REF SOV: 001

OTHER: 005

Card 2/4

USSR / Human and Animal Morphology, Normal and Pathological. S-3  
Blood and the Hematopoietic System.

Abs Jour : Ref Zhur - Biol., No 18, 1958, No 83691

Author : ~~Torooyan, S.~~  
Inst : ~~Not given~~  
Title : Variation in Morphological Composition of Peripheral Blood  
in Functional Disorders of the Nervous System.

Orig Pub : Arokhchapautyun, 1957, No 2, 29-30

Abstract : No abstract.

Card 1/1

TOROP, T. P.

4619. Agregat izdruk sseyaldk Ssh-6A. Opyt matveevo. Kurganskoy mts. rostov  
n/d, kn. izd., 1954. 16 s.s chert; 1 L. Chert. 20 sm. 4.000 ekz. 20K-(55-799)  
P 631.331 56 + 631.531.24 (47.892)

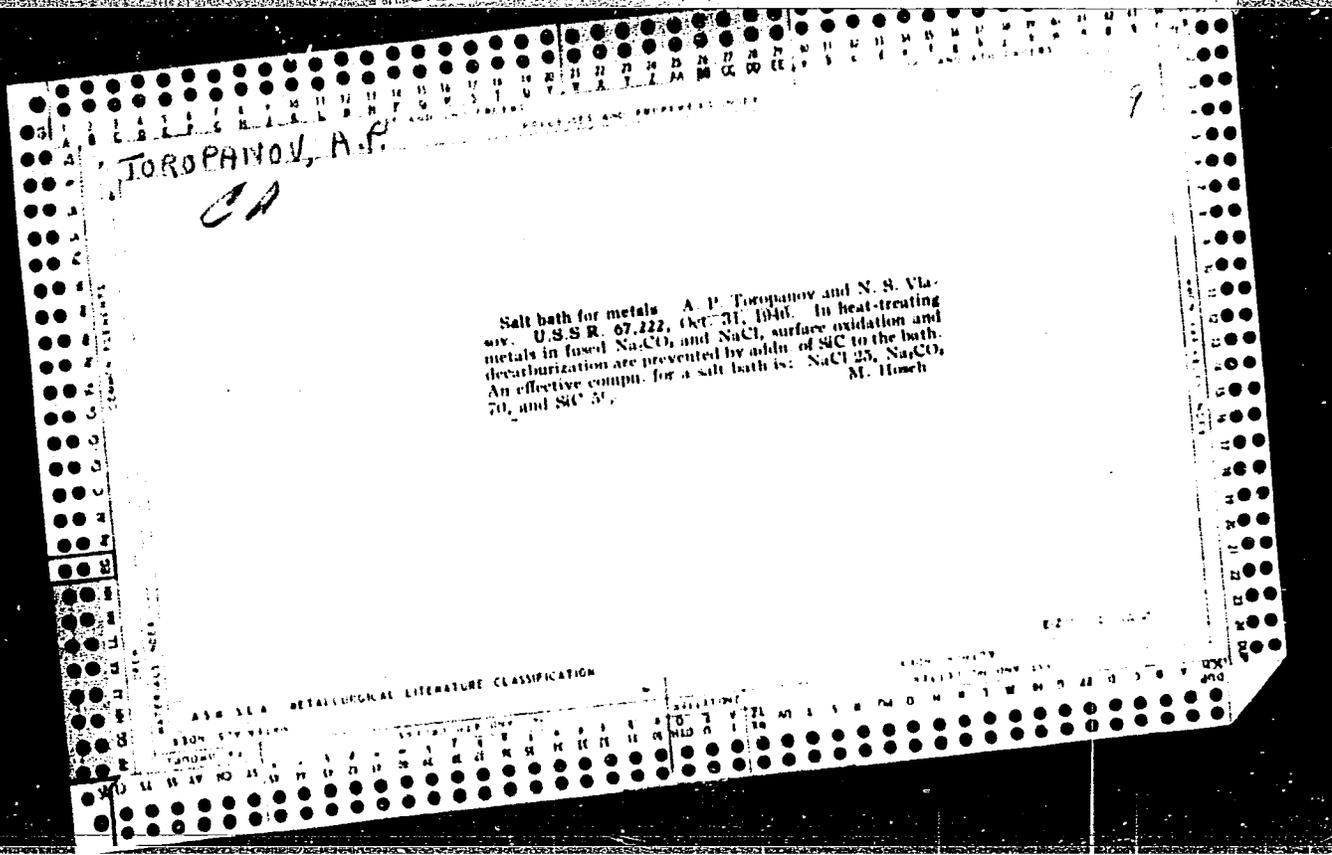
SO: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949

ZELENTSKAYA, I.S., kand.tekhn.nauk; TSURKAN, I.G., kand.tekhn.nauk;  
TSAREGRADSKIY, V.A., kand.tekhn.nauk; ABRAMOV, V.V., inzh.;  
TOROPCHINOV, A.N., inzh.

Results of field and laboratory tests of the Volgograd lubricating  
oil. Trudy TSNII MPS no.262:117-135 '63. (MIRA 16:10)

ZAGATINA, A.D.; SOLOV'YEVA, L.A.; TOVCHIGRECHKO, S.S.; TOROPIN, S.I.

Investigating temperature coefficients of the linear expansion  
of pendulum rods made of Invar at the "Etalon" Plant. Trudy  
VNIIM no.37:69-73 '59. (MIRA 13:4)  
(Clockmaking and watchmaking) (Thermal stresses)



9

**ТОРОПАНОВ, А. П.**  
Ca

PROCESSES AND EXPERIMENTAL DATA

Experiments on raising the resistance of chill molds by casting them of modified pig iron. A. P. Toropanov. *Vestnik Mashinostroyeniya* 26, No. 5-6, 87-92 (1961). - A study was made of the effect of chem. comp. and structure of the chill-mold metal on its life. Most resistant were molds made of modified low-C and -Si pig iron. This insured a dense, uniform pearlitic structure with a favorable form and distribution of graphitic inclusions. The C + Si in the metal should be 4.0-4.5%. A suitable modifier is a mech. mixt. of ferroallicon 0.4, ferrotitanium 0.1, and Cu turning 0.3% of the wt. of the molten metal. If the Mn content is not below 1.2%, the Cu may be omitted. Molds cast from modified iron were generally twice as durable as the molds cast from unmodified metal, other conditions being equal. M. Hosh

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

BRONZE STEEL

SEARCHED BY

INDEXED BY

RECEIVED BY

DATE

А. П. ТОРУПАНОВ

Accelerated annealing of modified malleable pig iron melted in cupolas. A. P. Torupanov. *Vestnik Mashinostroyeniya* 26, No. 9/10, 45-52 (1948). — The usual annealing of castings made from malleable pig iron melted in cupola furnaces requires much time; also the strength properties of cupola pig iron are not very high and there result many rejects. Expts. were made on eliminating these drawbacks by modifying the pig iron. Modification comprises treating the molten pig iron at a temp. not below 1300° with small quantities of other metals, called modifiers. The modifier is added either to the ladle or the trough. The purpose of the modifier is to create many centers of graphitization, and at least some modifiers expel dissolved gases, especially H, which stabilize cementite and hamper graphitization. As modifiers Al, FeSi, and such mixts. as FeSi + CaC<sub>2</sub>, FeSi + FeTi, FeSi + FeTi + CaC<sub>2</sub>, and FeSi + FeTi + Cu were used. Satisfactory results were obtained with FeSi (75% 0.1-0.2 and FeTi (20% 0.2% of the wt. of the molten metal. The grain size of the modifier should be 2-3 mm. Castings made of modified iron of various compns. annealed satisfactorily after 81 hrs. Castings contg. the required quantity of graphitizing agents (ZC + 2Si = 4.1-4.8%) had a balanced structure of ferrite and anneal C. The ferrite as a rule was fine-grained. Along with fairly large centers of anneal C there were many small seps. of C. The mech. properties of this iron were very good. Where graphitizing agents were in excess (ZC + 2Si > 7.5%) the structure of annealed castings was of ferrite and anneal C, the latter being threadlike and deposited along the grain borders. The mech. properties of the castings were lower; in particular, they suffered relative elongation. Castings contg. insufficient graphitizing agents (ZC + 2Si < 4.2%) did attain structural equll. on accelerated annealing. The annealed castings contained considerable quantities of pearlite. The tensile strength of this metal rose, its relative elongation declined, and its hardness increased.

M. Hirsch

9

.SOV/128-59-8-16/29

18(2)

AUTHOR:

Toropanov, A.P., Engineer

TITLE:

Composition, Properties and Uses of Tellurium or Magnesium Processed Malleable Iron with High Silicon Content

PERIODICAL:

Liteynoye proizvodstvo, 1959, Nr 8, pp 34 - 36 (USSR)

ABSTRACT:

The production costs of castings from malleable grey iron are cheaper in comparison to steel castings and stamped steel products. About 35% of all produced malleable grey iron is used in agricultural machinery, 60% in the automobile and tractor industry and 5% in the transport-machine building industry. A new production technology for malleable grey iron with a high silicon content processed with tellurium or magnesium has been developed, which enables castings with thick walls. This malleable iron has a silicon content of 1.6 - 2.5% and a carbon content of 1.7 - 2.6%. Prior to this time, the thickwall-castings with the walls over 40mm had to be cast from other expensive metals. The new grey iron, depending on the wall thickness has a tellurium content of 0.005 - 0.02%, the content

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SOV/128-59-8-16/29

Composition, Properties and Uses of Tellurium or Magnesium Processed Malleable Iron with High Silicon Content

of other elements is the same as in simple malleable iron. Also the content of chrome can be increased to 0.15 - 0.25%. Reducing the carbon content in this malleable iron gives more solid castings and a higher silicon content improves the graphitization process. Processing the malleable iron with tellurium enables the silicon content to increase to 2.5% or more and shortens the annealing 2 - 3 times. Table 1 shows the composition, microstructure and the mechanical properties of the malleable iron with a high silicon content. Processing with powdered tellurium was done during the outflow of iron from the furnace Si-45, the magnesium was added by immersion in a closed bell. The castings processed with tellurium achieved a ferrite structure in 34 hours. The first step of graphitization was already fulfilled in 5 hours (Fig 5); those processed with magnesium needed annealing for 18 hours only. The malleable iron with a perlite structure was achieved by annealing at a temperature of 780 - 720°C, the granular-perlite structure can

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SOV/128-59-8-16/29

Composition, Properties and Uses of Tellurium or Magnesium Processed Malleable Iron with High Silicon Content

be achieved at a temperature of 700°C for 8 - 12 hours. For the thick-wall castings (35mm) the grey iron with following content: C 2.7 - 2.9%, Si 1.2 - 1.6%, Mn 0.30 - 0.45%, P 0.10 - 0.14%, S 0.09 - 0.11%, Cr 0.05 - 0.06 and processing with tellurium of 0.01 - 0.02% can be used. Such iron is similar in content to iron KCh 33-8, KCh 35-10. Also the wear and tear of such iron is 3 to 4 times less (0.0007 - 0.0017) than for bronze OSTz 6-6-3; moreover, the friction coefficient is less (10-20%). This kind of malleable iron after hardening to 52 - 58 H<sub>C</sub> can be used for cold stamping and the stamped or cast products are better and cheaper than steel. There are 5 photographs, 1 table and 5 Soviet references.

Card 3/3

TOROPANOV, A.P., inzhener.

[Modified malleable iron] Modifitsirovannye kovkie chnguny. Mo-  
skva, Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1947. 74 p.  
(MLRA 7:2)  
(Cast iron)

80195

S/129/60/000/04/003/020

E073/E535

18.7500

AUTHOR: Torpanova, G. A., Candidate of Technical Sciences

TITLE: Influence of Zirconium<sup>1</sup> on the Microhardness<sup>20</sup> of the Ferrite of Medium Carbon Steel<sup>18</sup>

PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov, 1960, No 4, pp 19-22 + 1 plate (USSR)

ABSTRACT: The authors investigated zirconium steels (0 to 0.28% Zr) with compositions as given in Table 1 and hardness values (after quenching in water from 750 to 1100°C) as given in Table 2. It can be seen that the hardness at 810 to 950°C of 0.5% C steels with various Zr contents is almost independent of the Zr content. Certain differences are observed in the case of quenching from the temperatures 750-790°C and 1050 to 1100°C. The values of the microhardness of the individual components of the microstructure after quenching are given in Table 3. In view of the fact that Zr does not bring about an increase in the microhardness of the ferrite of medium carbon steel, the influence of Zr was investigated on the

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S/129/60/000/04/003/020  
E073/E535

Influence of Zirconium on the Microhardness of the Ferrite of  
Medium Carbon Steel

hardness of ferrite in Fe-Zr alloys containing 0.02 to 0.03% C; the results are given in Table 4. The Brinell hardness of the ferritic components of Fe-Zr alloys quenched in water from 1050, 1000 and 1150°C are entered in Table 5. The following conclusions are arrived at: The microhardness of martensite of medium carbon steel containing 0.1 to 0.3% Zr is higher than that of martensite of Zr free medium carbon steel. The microhardness of the ferrite of medium carbon steel does not change as a result of Zr additions. It appears that the statement of Allibone and Sykes (Ref 2) that the ferrite dissolves up to 0.3% Zr is erroneous. As regards the solubility of Zr in ferrite, the data of the investigations of the authors of this paper agree with the data obtained by Hayes, Roberson and O'Brien (Ref 3), according to whom the limit solubility of Zr in  $\alpha$ -iron is 0.02%. There are 3 figures, 5 tables and 3 references, 1 of which is Soviet and 2 English.

ASSOCIATION: TsNIIChermet  
Card 2/2

10K PANSVA, G.A

PHASE I BOOK DESCRIPTION

Vsesoyuznyy sveshchennyye po splyava metally. 1st, Moscow, 1977  
 Radiya metalli i splyavy trudy... (Rare Metals and Alloys: Transactions of the  
 First All-Union Conference on Rare-Metal Alloys) Moscow, Metallizdat, 1960.  
 436 p. 3,190 copies printed.

Sposoby legirovaniya krovnykh metallov sushchego raznogo tipa. Moscow, Metallizdat, 1960.  
 150. 1st ed. 1960.

Khimicheskiye osnovy i fizicheskiye svoystva metallov i splyavov. Moscow, Metallizdat, 1960.  
 150. 1st ed. 1960.

**PURPOSE:** This collection of articles is intended for metallurgical engineers, physicists and workers in the machine-building and radio-engineering industries. It may also be used by students of schools of higher education.

**CONTENTS:** The collection contains technical papers which were presented and discussed at the First All-Union Conference on Rare-Metal Alloys, held in the Institute of Metallurgy, Academy of Sciences USSR in November 1977. Results of investigations of rare-metal alloys, titanium and copper-base alloys, alloys of zirconium, vanadium, niobium and their alloys. The effect of rare-earth metals on properties of magnetic alloys and steels is analyzed. The uses of titanium and zirconium alloys for automobile, electrical systems are discussed. Also, the effect of the addition of certain elements on the properties of heat-resistant and non-ferrous alloys) are discussed. No personal files are included (particularly and non-ferrous alloys) are discussed. No personal files are included. Soviet

PART II. TRANSLATED CONTENTS

**Rare Metals (Cont.)**

Kozm, J.B. Study of the Effect of Rare-Earth Elements on Physicochemical Properties of Chromium-Nickel-Molybdenum Steel. *SM/4164* 283

Kochub, A.G., Iod, and I. R. Kozlov. Effect of Certain Additions on Properties of Chromium-Nickel-Molybdenum Steel Used for Shaped Castings of Resistant Steels. 209

Semenov, P.A., Rare Elements as Alloying Additives to High and Low Heat-Resistant Steels. 314

Mikhailov, G.I., and A.A. Boshchikov. Effect of Rare-Earth Elements on Certain Properties of Constructional Steel. 323

Kashkara, L.M., and M.M. Gerasimov. Effect of Small Additions of Cerium, Zirconium, Boron, Barium, and Calcium on Properties of Heat-Resistant Steels. 333

Alexandrov, G.I., and G.A. Toropova. Effect of Strontium on Properties of Steel. 343

Card 7/8

TORGANOVA, T.A.

DECEASED  
1960

1902/5

SEE ILC

BIOLOGY

SEVCENKO, V.B. [Shevchenko, V.B.]; ZOLOTUCHA, S.I. [Zolotukha, S.I.];  
KASCEJEV, N.F. [Kashcheyev, N.F.]; CAREV, S.A. [TSarev, S.A.];  
MICHAJLOV, A.A. [Mikhaylov, V.A.]; TOROPCHENOVA, G.A.  
[Toropchenova, G.A.]; MANCIK, M. [translator]

Complex utilization of uranium ores. Jaderna energie 4 no.11:  
338-341 N '58.

10 РОРС ЧЕ НОВА, G.A.

21(4) REAR I BOOK EXPERIENCE 807/2713  
International Conference on the Peaceful Uses of Atomic Energy. 2nd,  
Geneva, 1958

Додаток советській улюблених: Yakobovye gosyuchere i reaktorovye metalli.  
(Reports of Soviet Scientists; Nuclear Fuel and Reactor Metals) Moscow,  
Akademiya, 1959. 670 p. (Series: Iz: Trudy, vol. 3, 6,000 copies  
printed.

ML (Title page): A.A. Kocherz, Academician, A.P. Vinogradov, Academician,  
V.G. Yemel'yanov, Corresponding Member, USSR Academy of Sciences, and  
A.P. Zolotarev, Director of Technical Sciences; ML (Inside book): V.V.  
Pavlovskiy and G.M. Pukhlyakov; Tech. Ed.: E.I. Masei.

FURTHER: This volume is intended for scientists, engineers, physicians, and  
biologists working in the production and peaceful application of atomic  
energy; for professors and students of higher technical schools of  
higher technical education where the subject is taught; and for people  
interested in atomic science and technology.

COMMENT: This is volume 3 of a 6-volume set of reports on atomic energy  
presented by Soviet scientists at the Second International Conference on the  
Peaceful Uses of Atomic Energy, held in Geneva from September 1 to 13, 1958.  
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